

APPARATUS FOR REMOVING SULFUR-CONTAINING
COMPONENT IN FUEL

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ABSTRACT OF DISCLOSURE

10 There is provided a desulphurization apparatus to be
 mounted in automobiles, which is arranged between a fuel
 tank and an injector of an engine, the apparatus
 comprising a combination of a sulfur-containing compound
 adsorbent for adsorbing and concentrating the sulfur-
15 containing compound and a sulfur-containing compound
 oxidizing agent or oxidation catalyst for oxidizing the
 adsorbed sulfur-containing compound, the apparatus
 further comprising a means for recovering and removing
 the resulting sulfur-containing oxide. According to this
20 apparatus, the quantity of the particulate matter in an
 exhaust gas is reduced by half and the durability of the
 catalyst for removing a nitrogen oxide is improved by a
 factor of about two.